

Beyond Z Consulting LLP

Minitab Workshop



About the Program

2 days workshop on Minitab software

Objectives

Workshop helps participant to understand and apply various statistical tools to solve problems using Minitab software

Workshop Overview

- In this course you will learn to minimize the time required for data analysis by using Minitab
- Learn how to import data to Minitab for analysis, creating graphs, and to export results.
- Get an overview of data analysis tools in process improvement
- Learn how to obtain basic information from data with the use of features such as descriptive statistics, graphs & quality tools
- To perform Gage R & R studies & process capability analysis
- To understand the basics of hypothesis testing & how to perform tests such as mean comparison, variance comparison, median comparison, proportion comparison

Software used

Minitab 17

Minitab Basic Curriculum

- Importing and Formatting Data
- Measures of Location and Variation
- Power and Sample Size
- Bar Charts
- Histograms
- Boxplots
- Pareto Charts
- Scatterplots
- Chi-Square Analysis
- t-Tests
- Proportion Tests
- Tests for Equal Variance
- Correlation
- One-Way ANOVA
- Measurement System Analysis